

ACCESSION NUMBER: 2003:203395 CAPLUS
 DOCUMENT NUMBER: 138:231726
 TITLE: Methods and products for treating HIV infection
 INVENTOR(S): Krieg, Arthur M.; Klinman, Dennis; Steinberg, Alfred
 D.
 PATENT ASSIGNEE(S): The University of Iowa Research Foundation, USA
 SOURCE: U.S. Pat. Appl. Publ., 22 pp., Cont.-in-part of U.S.
 Ser. No. 415,142.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 6
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003050263	A1	20030313	US 2001-931583	20010816
US 6008200	A	19991228	US 1995-386063	19950207
US 6194388	B1	20010227		

ACCESSION NUMBER: 2002:828620 CAPLUS
 DOCUMENT NUMBER: 138:117630
 TITLE: Oligonucleotide-mediated inhibition of hepatitis B
 virus and hepatitis C virus replication
 INVENTOR(S): Blatt, Lawrence; Macejak, Dennis; McSwiggen, James;
 Morrissey, David; Pavco, Pamela; Lee, Patrice; Draper,
 Kenneth; Roberts, Elisabeth
 PATENT ASSIGNEE(S): Ribozyme Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 387 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 52
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002081494	A1	20021017	WO 2002-XC9187	20020326

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, OM, PH, PL,
 PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
 UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, ML, MR, NE, SN, TD, TG
AU 9851819 A1 19980611 AU 1998-51819 19980112
AU 729657 B2 20010208
AU 9939188 A1 19990916 AU 1999-39188 19990713
US 2003068301 A1 20030410 US 2001-877478 20010608
US 2003148985 A1 20030807 US 2002-310294 20021205

ACCESSION NUMBER: 2001:923812 CAPLUS
DOCUMENT NUMBER: 136:42882
TITLE: Prodrugs of 2'-deoxy-.beta.-L-nucleosides
INVENTOR(S): Bryant, Martin L.; Gosselin, Gilles; Imbach,
Jean-Louis
PATENT ASSIGNEE(S): Novirio Pharmaceuticals Limited, Cayman I.; Centre
National de la Recherche Scientifique (CNRS)
SOURCE: PCT Int. Appl., 160 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001096353	A2	20011220	WO 2001-US19147	20010615
WO 2001096353	A3	20020418		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1296995 A2 20030402 EP 2001-944522 20010615
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2003083306 A1 20030501 US 2001-883033 20010615

DOCUMENT NUMBER: 137:32060
TITLE: Use of nucleic acids containing unmethylated CpG
dinucleotide as an adjuvant

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096353

INVENTOR(S): Davis, Heather L.; Schorr, Joachim; Krieg, Arthur M.
PATENT ASSIGNEE(S): University of Iowa Research Foundation, USA
SOURCE: U.S., 53 pp., Cont.-in-part of U.S. Ser. No. 154,614.

CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6406705	B1	20020618	US 1999-325193	19990603
WO 9840100	A1	19980917	WO 1998-US4703	19980310

TITLE: Synthetic oligonucleotides as human immunodeficiency
virus transcription inhibitors and methods of
their use

INVENTOR(S): Temsamani, Jamal; Metelev, Valeri; Levina, Asya;
Agrawal, Sudhir; Zamecnik, Paul
PATENT ASSIGNEE(S): Hybridon, Inc., USA; Worcester Foundation for
Biomedical Research
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9623878	A1	19960808	WO 1996-US1008	19960124

VENTOR(S): Letsinger, Robert L.
PATENT ASSIGNEE(S): Northwestern University, USA
SOURCE: U.S., 11 pp. Cont. U.S.Ser.No.646,645,abandoned.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5416203	A	19950516	US 1993-97320	19930726

PRIORITY APPLN. INFO.:

US 1991-646645 19910206

TITLE: Oligodeoxyribonucleotide phosphorothioate analogs as
inhibitors for replication of retroviruses and
neoplastic cells and for the expression of oncogene
products

INVENTOR(S): Cohen, J. S.; Neckers, L.; Stein, C.; Loke, S. L.;
Shinozuka, K.

PATENT ASSIGNEE(S): United States Dept. of Health and Human Services, USA

SOURCE: U. S. Pat. Appl., 55 pp. Avail. NTIS Order No.

PAT-APPL-7-159 017.

CODEN: XAXXAV

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 159017	A0	19880715	US 1988-159017	19880222
US 5276019	A	19940104		

TITLE: Oligodeoxyribonucleotide phosphorothioate analogs as
inhibitors for replication of retroviruses and
neoplastic cells and for the expression of oncogene
products

INVENTOR(S): Cohen, J. S.; Neckers, L.; Stein, C.; Loke, S. L.;
Shinozuka, K.

PATENT ASSIGNEE(S): United States Dept. of Health and Human Services, USA

SOURCE: U. S. Pat. Appl., 55 pp. Avail. NTIS Order No.

PAT-APPL-7-159 017.

CODEN: XAXXAV

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 159017	A0	19880715	US 1988-159017	19880222
US 5276019	A	19940104		

TITLE: Preparation of antisense short chain
phosphorothioate-linked oligodeoxynucleotides as
antiviral agents

INVENTOR(S): Azuma, Toshinori; Momota, Kenji; Furukawa, Hidehiko

PATENT ASSIGNEE(S): Sankyo Co, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07118289	A2	19950509	JP 1993-260581	19931019
PRIORITY APPLN. INFO.:			JP 1993-260581	19931019